

FIG. 1

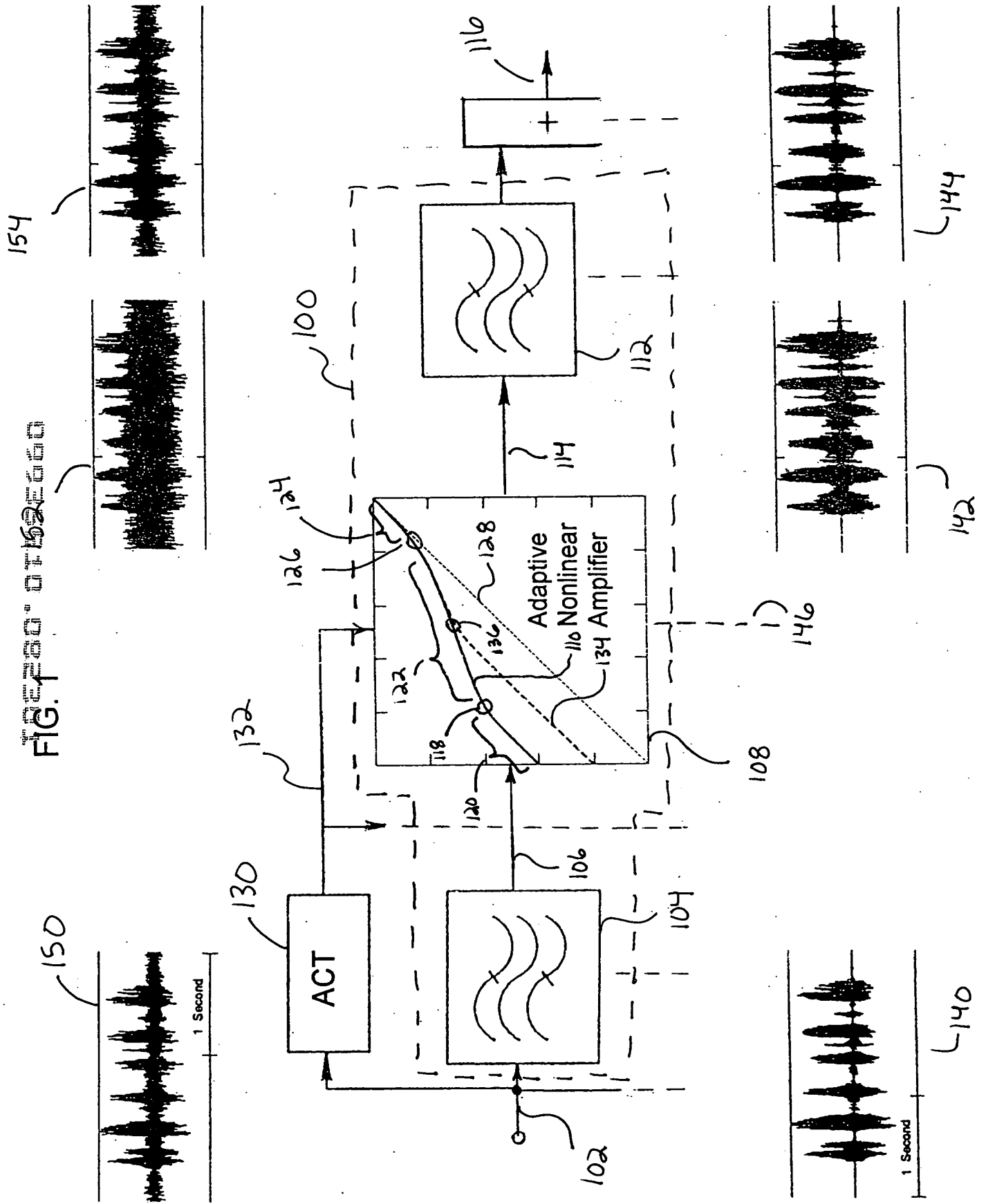


FIG. 2 MBPNL

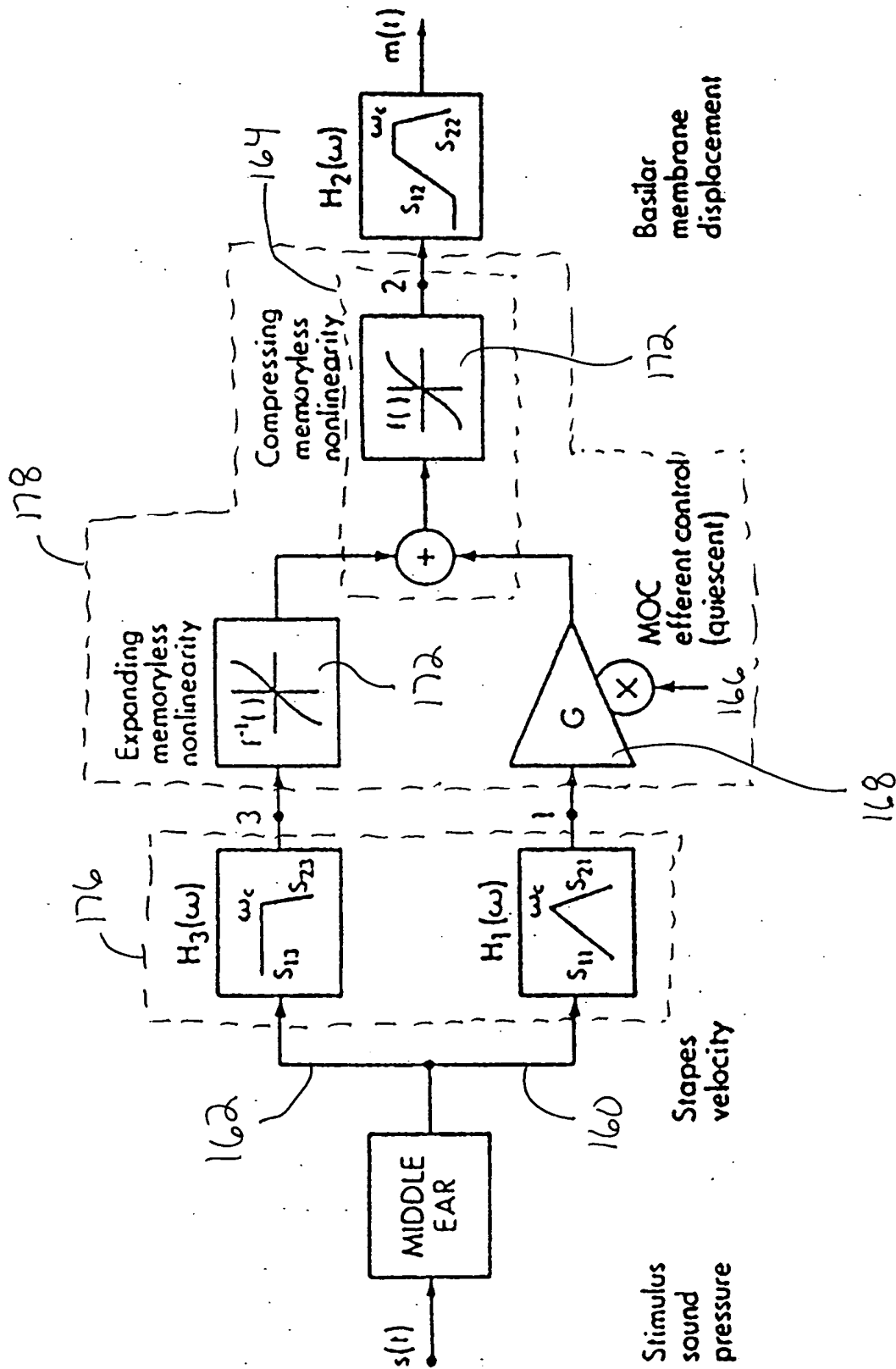
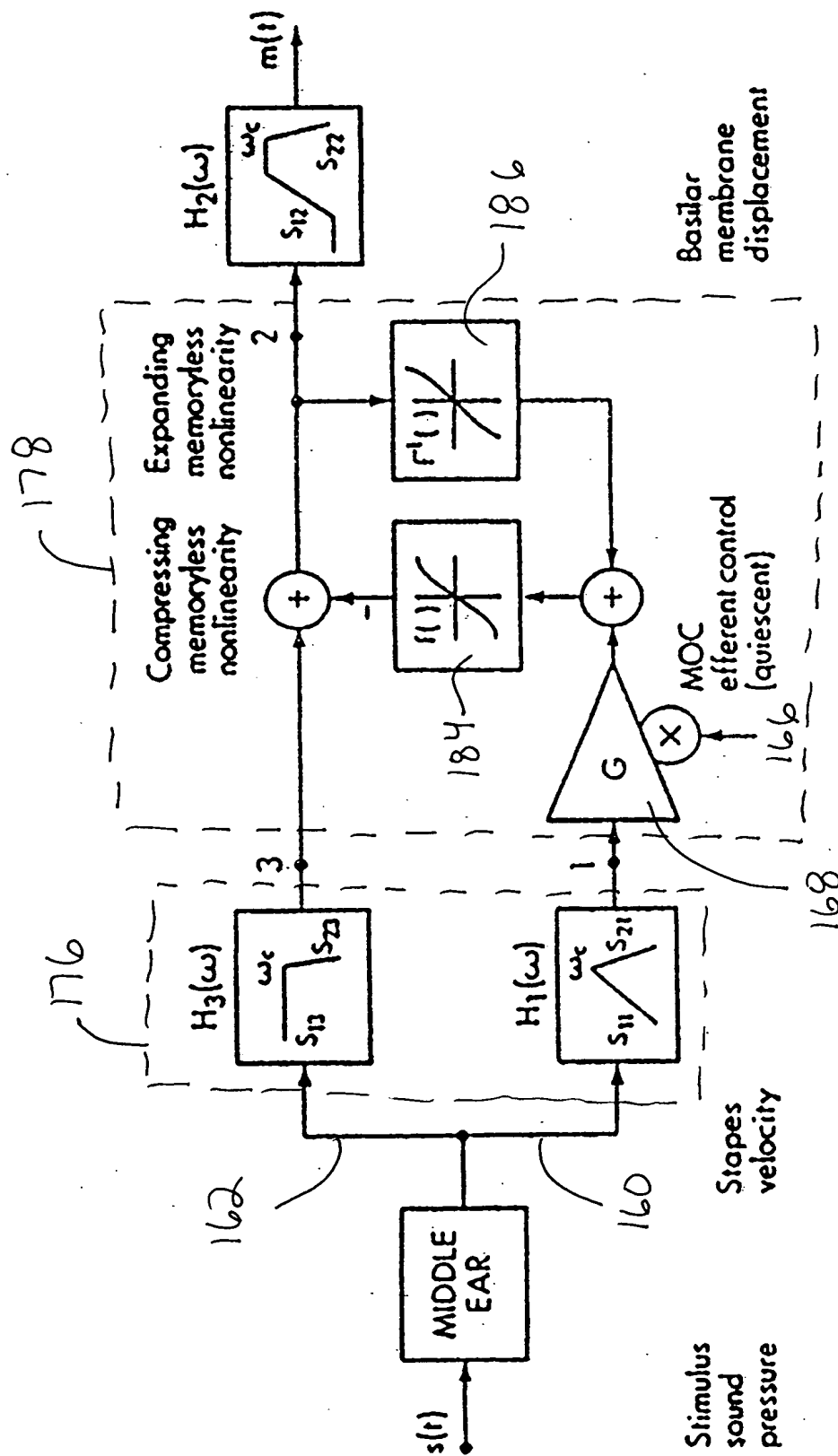


FIG 3 MFBPNL



The graph illustrates the relationship between cochlear displacement and signal level. The y-axis represents displacement in nanometers on a logarithmic scale from 0.1 to 10^4 . The x-axis represents signal level in dB SPL from 0 to 120. A solid curve shows the overall response, while a dashed curve and a dotted line represent specific components. Handwritten labels 200, 206, 202, and 204 indicate specific points or regions on the graph.

Signal Level (dB SPL)	Displacement (Nanometers) - Solid Curve	Displacement (Nanometers) - Dashed Curve	Displacement (Nanometers) - Dotted Line
20	~3	~3	~0.5
40	~10	~10	~1
60	~30	~30	~3
80	~100	~100	~10
100	~300	~300	~30
120	~1000	~1000	~100

SIGNAL LEVEL dB SPL

FOE200 04592600

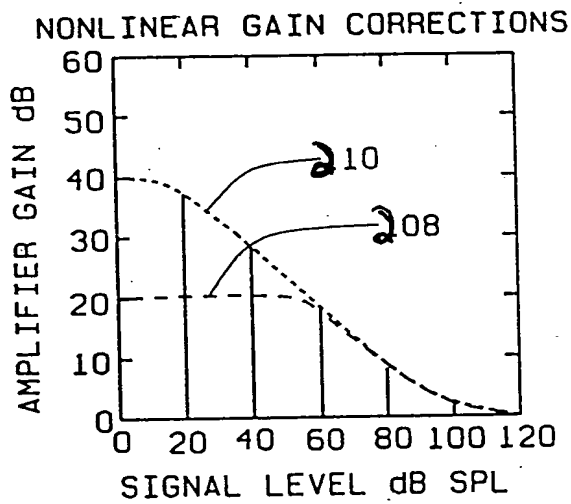


FIG. 5

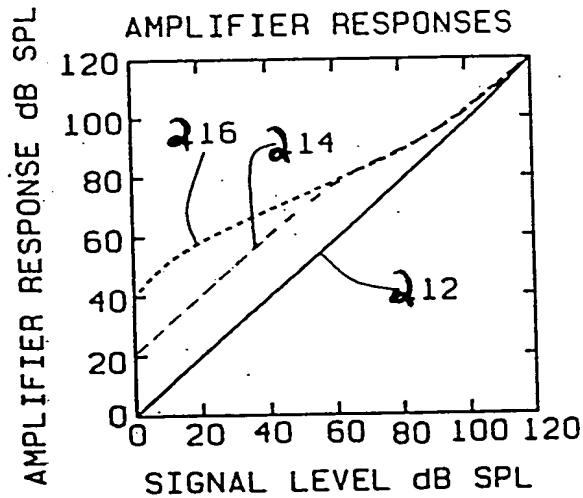
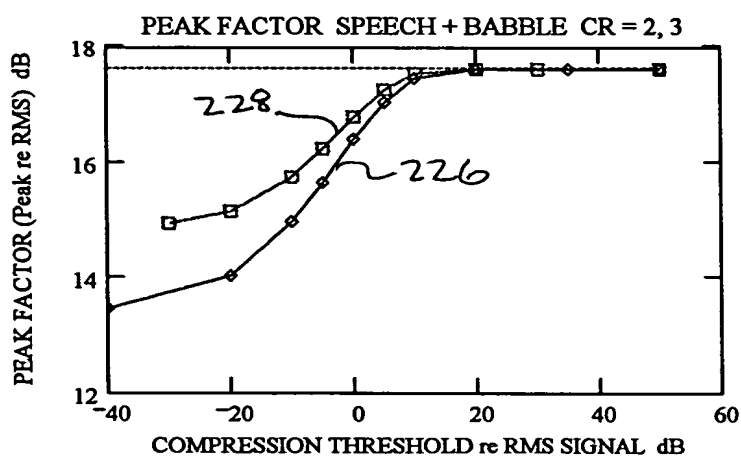
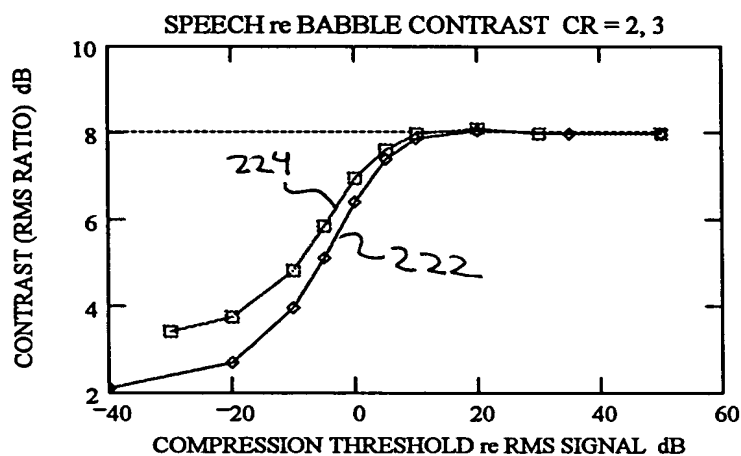
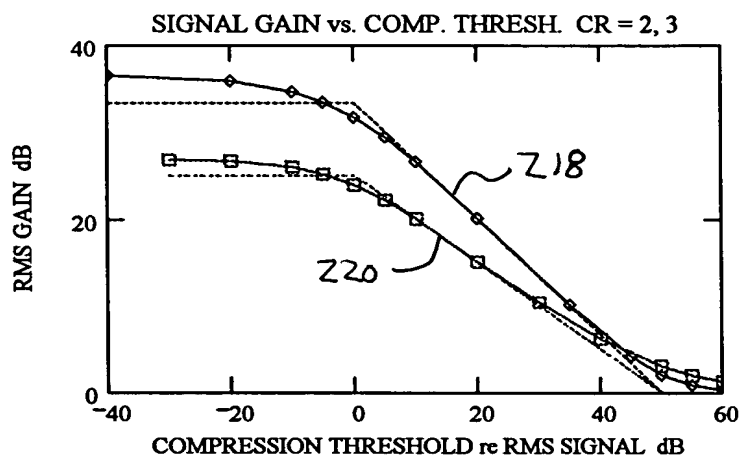


FIG. 6



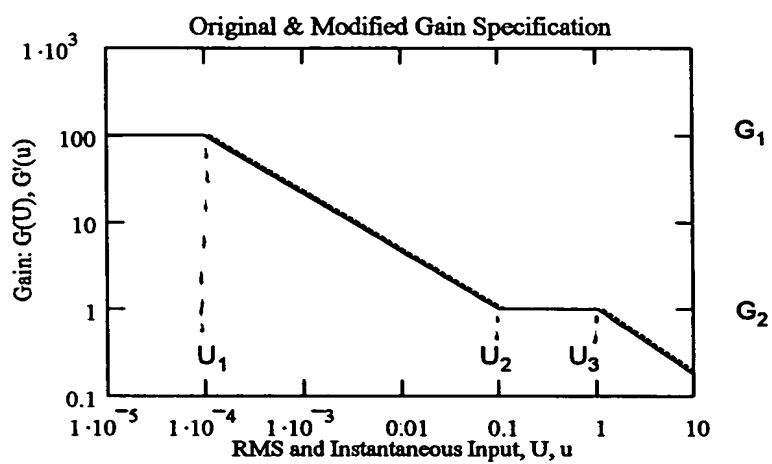


FIG.10

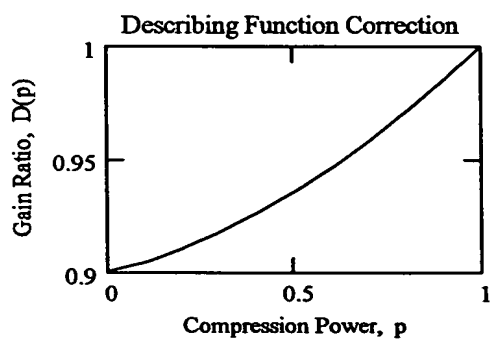
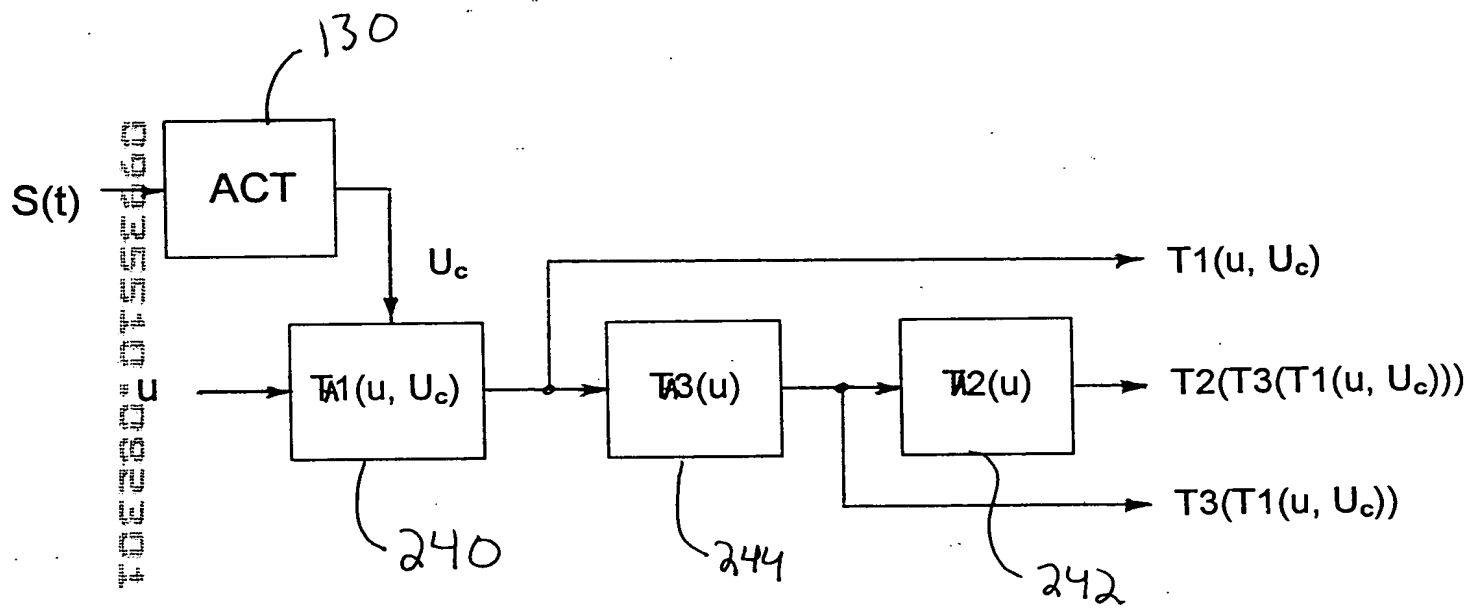


FIG. 11

$$D(p) := \left(\frac{2}{\sqrt{\pi}} \right) \cdot \frac{\Gamma(1 + .5 \cdot p)}{\Gamma(1.5 + .5 \cdot p) \cdot 2^{0.5 \cdot (1-p)}}$$

FIG. 12



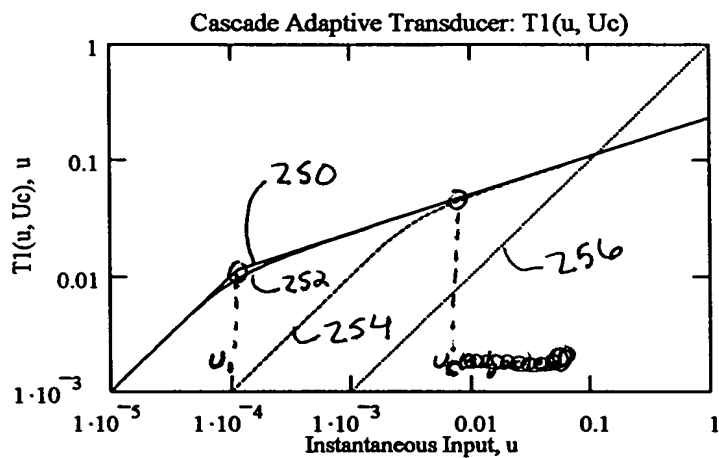


FIG. 13

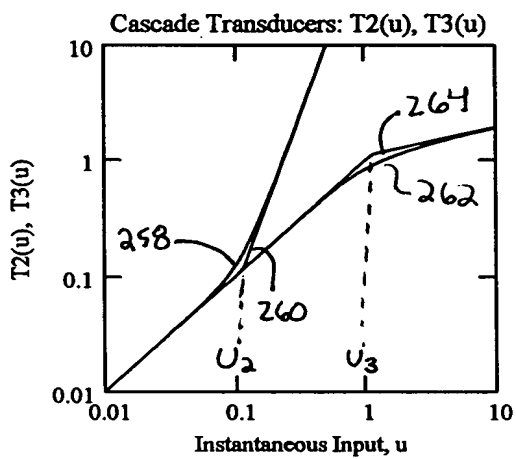


FIG. 14

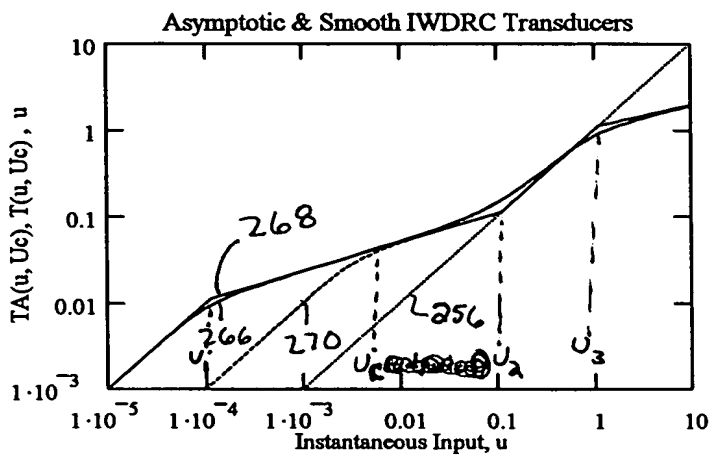


FIG. 15

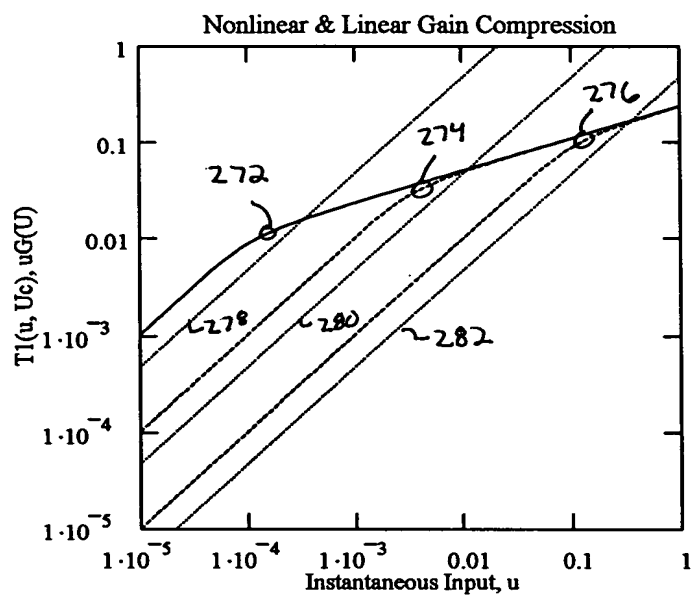


FIG. 16

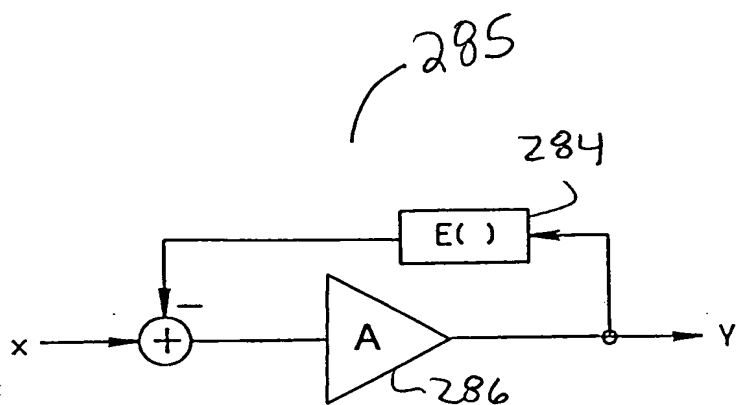


FIG. 17

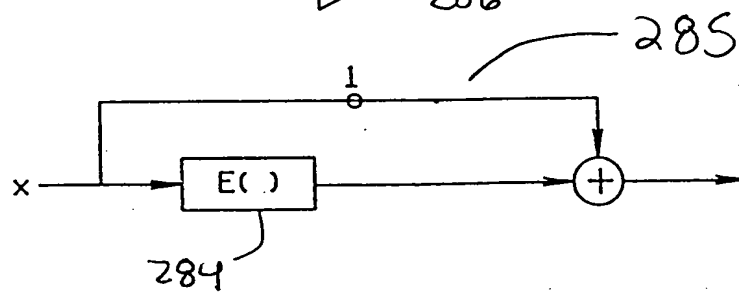


FIG. 18

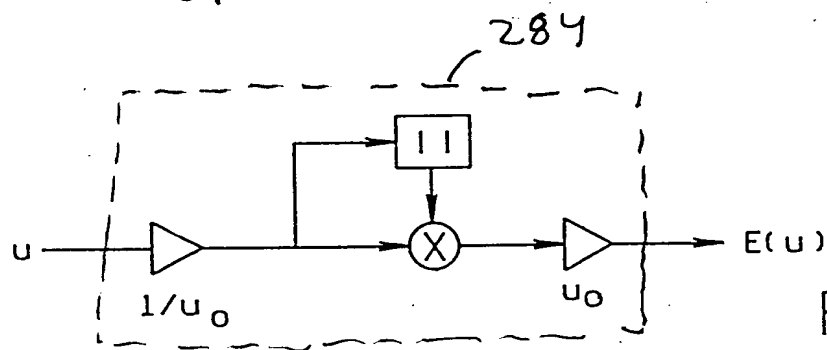


FIG. 19

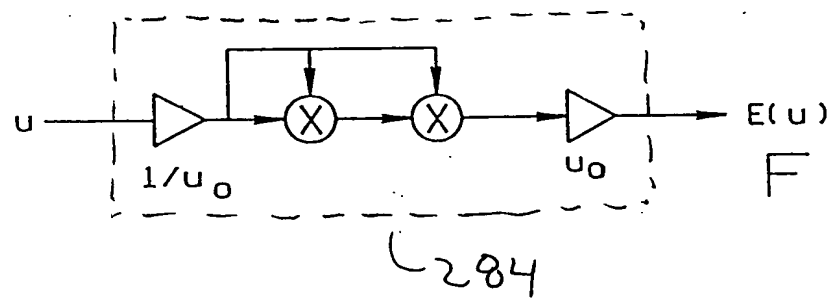
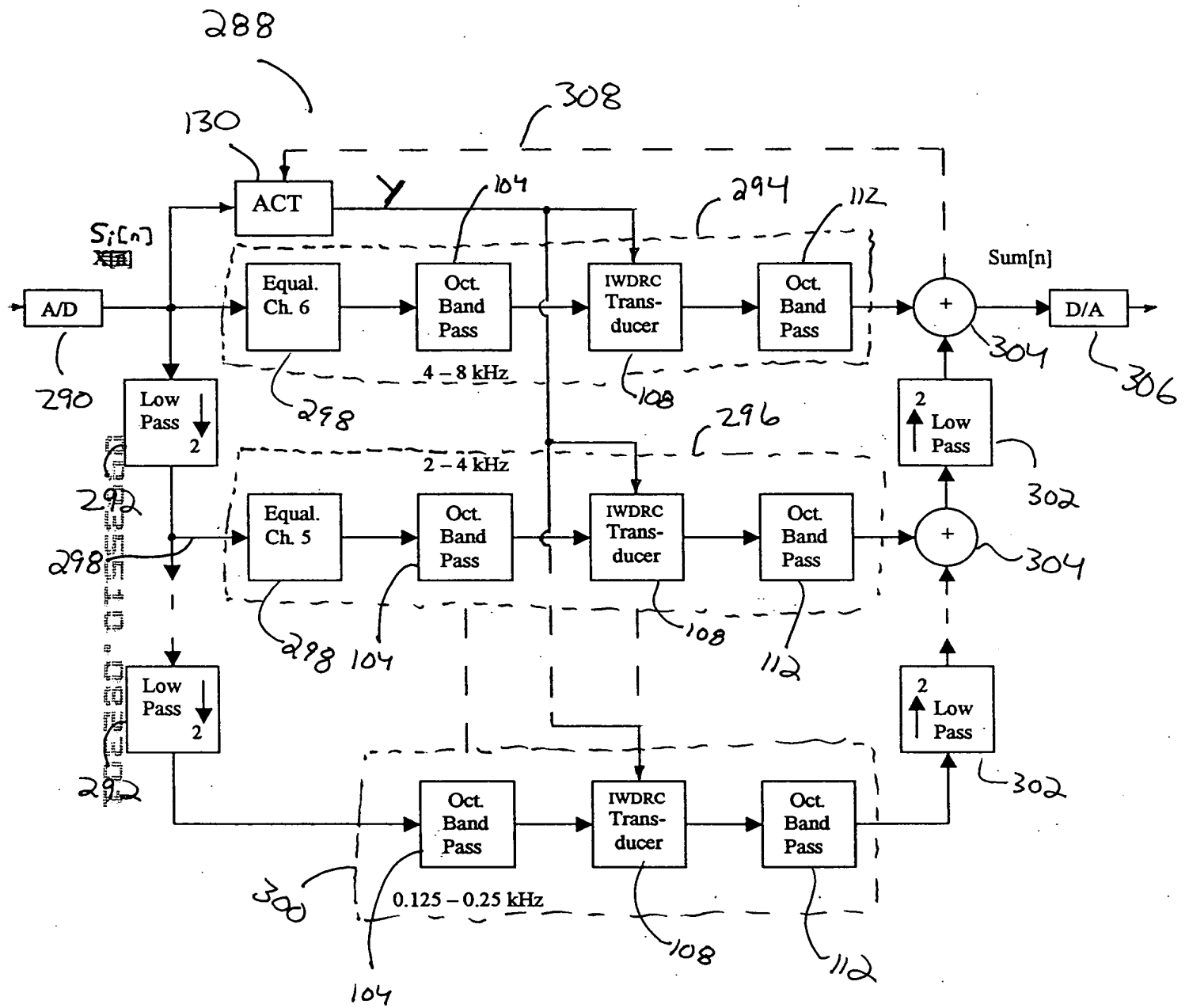


FIG. 20

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FIG. 21



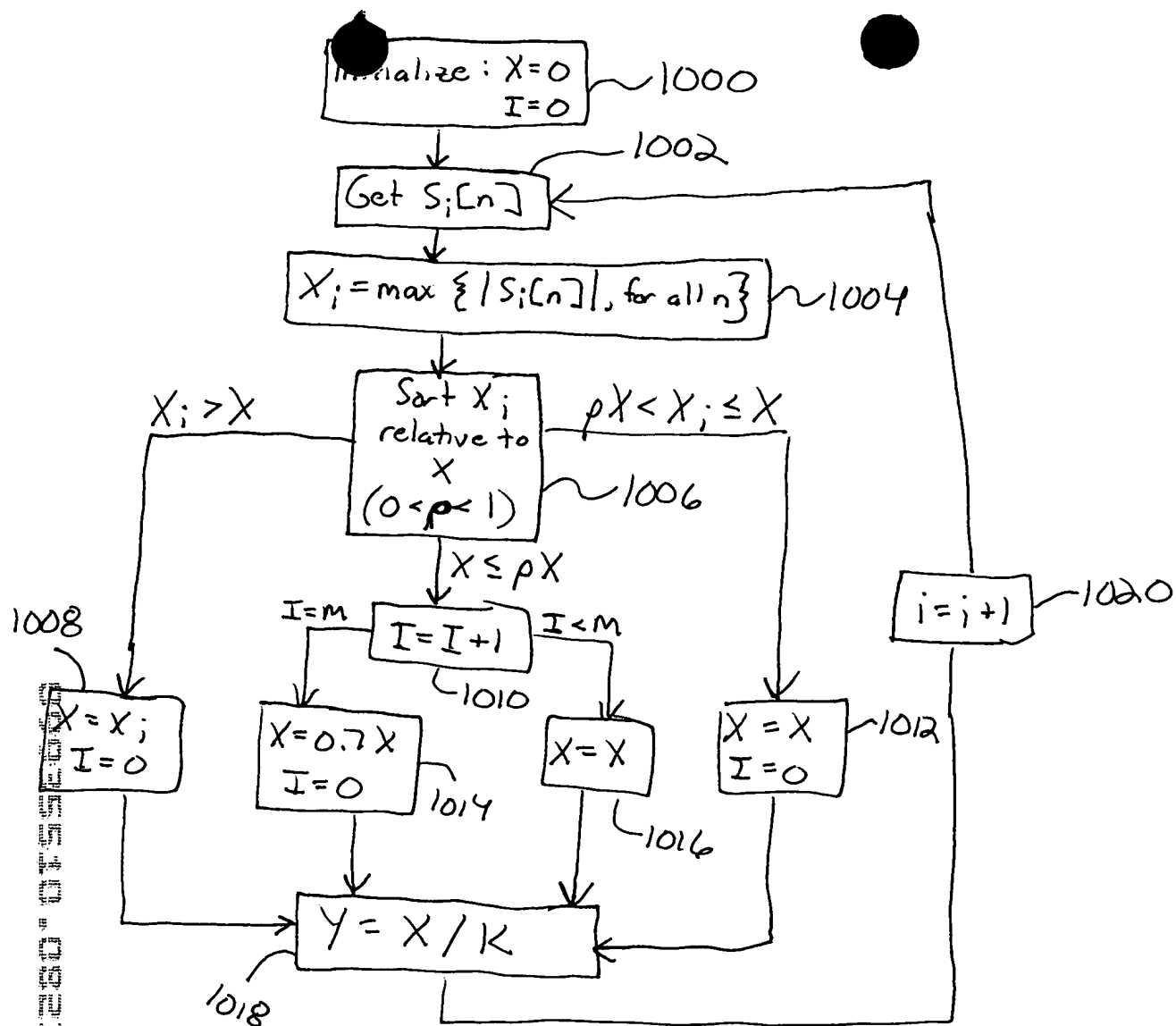


Figure 22

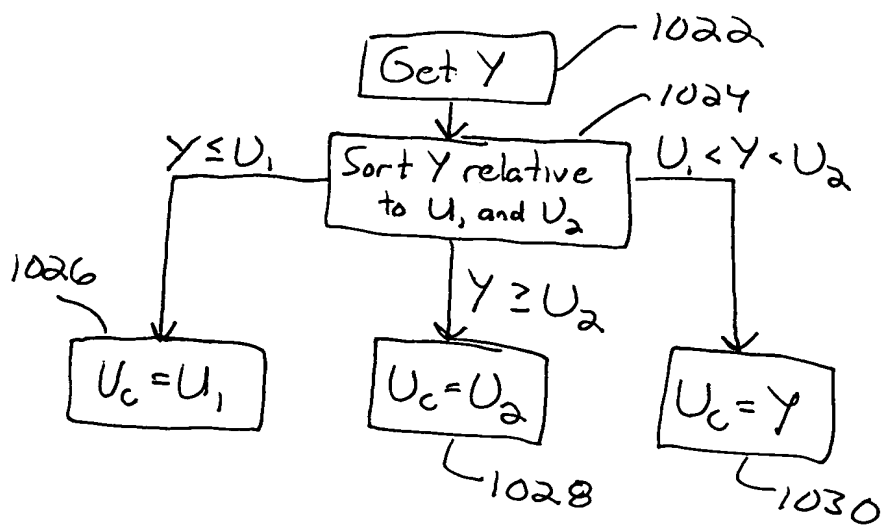


Figure 23